Winter 2007

CS 241-02, 03: Introduction to Computer Science II

Haiyun Bian
Wright State University - Main Campus

CS 241 Introduction to Computer Science II
Winter 2007 – Lecture Sections 2 & 3

Section 2: M/W 12:15 p.m. – 1:20 p.m., University Hall 076 (Lecture)
Section 3: M/W 8:00 p.m. – 9:15 p.m., Oelman 303 (Lecture)
Plus one of the following lab sections:
M 1:30 p.m. – 3:20 p.m. Russ Engineer Cntr 346
W 1:50 p.m. – 3:40 p.m. Russ Engineer Cntr 152A
R 12:20 p.m. – 2:10 p.m. Russ Engineer Cntr 346
M 6:05 p.m. – 7:55 p.m. Russ Engineer Cntr 346

Course Description

This course is the second in the three course sequence "Introduction to Computer Science" offered by the Computer Science department, WSU. Concepts introduced in CS 240 are developed in greater detail and depth with the Java programming language. Topics include object oriented programming, graphics, development of user interfaces and exception handling. Student must register for one lecture section and one lab section.

Prerequisite: CS 240

Instructor

Dr. Haiyun Bian
Office: 450 Russ Engineering Center
Phone: 937-775-5096
Office Hour: M/W 1:30 p.m. to 2:30 p.m., 4:10 p.m. to 5:10 p.m., or by appointment
Email: haiyun.bian@wright.edu
Web: www.cs.wright.edu/haiyun.bian

Teaching Assistant

To be assigned

Textbook

Big Java 2nd Edition, Cay Horstmann, Wiley, 2006, ISBN 0-471-69703-6
Web-resource: http://www.horstmann.com/bigjava.html
http://bcs.wiley.com/

Environment

Netbeans 5.5 and JDK 6.0

Grading

Programming assignments: 30%
Laboratory exercises: 20%
Examinations: 25%

Final exam: 25%

The basic scale is: **A:90-100, B:80-89, C:70-79, D:60-69, F:0-59**
No late projects or laboratory exercises will be accepted. Partial credit is available so always submit the work you have completed on the assigned due date via WebCT.

Policy

- Attendance: attendance is not mandatory. However, it is your responsibility to seek out what material was covered in the lecture. Most of the exam questions will be taken directly from ideas covered during the lecture, so it greatly helps if you attend.
- No make-up exams or quizzes unless verifiable emergency
- I encourage working with other people on the course concepts, but all your programs must be your own; sharing of program code will result in a grade of "zero" for all those involved; official university policy will be followed in case of academic dishonesty.
- You can reach me a number of ways. Email is the best as I check it several times a day. You may also stop by my office during office hours or by appointment.

Schedule (subject to change)

Week	Topics	Reading
1	Introduction & Review: classes, methods	Chapters 1-7
2	Review: arrays Introduction to multi-dimensional array	Chapter 8
3	Object Oriented Programming Testing and Debugging	Chapters 9, 10
4-5	Inheritance and Polymorphism, Abstract classes and Interfaces **Examination 1**	Chapters 11, 13
6	Exception Handling	Chapter 15
7	String and File I/O	Chapter 16
8	Event Driven Programming **Examination 2**	Chapter 12
9	User Interfaces	Chapter 14
10	Applets and HTML	Hand-out material
Final Exam for Section 2: March 14, 1:00 p.m. – 3:00 p.m.		
Final Exam for Section 3: March 16, 8:00 p.m. – 10:00 p.m.		